Technical datasheet

IMPERIA LEGACY ADVANCED

Product description

It is a high-performance two-component PU coating system, available in both Clear and Pigmented variants, specially designed for Natural Wood and Wood Veneer. The range comprises Clear Sealer, Clear Gloss , Clear Matt, White Sealer, White Gloss , White Matt & Silver Metallic delivering premium aesthetics, durability, and protection.

Performance benefits:

Exceptional image clarity and depth of finish

Rich wet-look gloss with excellent appearance

Smooth and silky matt finish

Quick-drying formulation for improved productivity

Low odour formulation

Excellent surface hardness and durability

Superior adhesion on wood and veneer substrates

Available in Clear, White, Silver Metallic

Outstanding value-for-performance

No added lead, mercury, and chromium

Recommended use

Applicable for interior finishing of furniture’s, wooden crafts, MDF boards, veneers, plywood etc.

Issue date: 22/08/2026

Technical Data (Typical Indicative values)

Properties	Clear Sealer Base	Clear Gloss Base	Clear Semi-Gloss Base	Clear Matt Base	White Sealer Base	White Gloss Base	White Matt Base	Silver Metallic Base
Viscosity, In Sec, FCB4 Cup/Poise	60±10 Sec	80 ±10Sec	40±10 Sec	40±10 Sec	20±5Poise	100 ±10 Sec	120 ±10 Sec	60 ±10 Sec
Specific Gravity, gm/Lt	0.98 ± 0.03	1.03 ± 0.03	0.99 ± 0.03	1.00 ± 0.03	1.61±0.05	1.24 ± 0.05	1.24 ± 0.05	1.02 ± 0.03
Properties	Clear Sealer Base	Clear Gloss Base	Clear Semi-Gloss Base	Clear Matt Base	White Sealer Base	White Gloss Base	White Matt Base	Silver Metallic Base
Coverage Sq. meter/ltr/Coat at 30 Micron DFT	9-10	11-12	9-10	9-10	11-12	10-11	11-12	11-12
Gloss values, at 600	Not applicable	Not applicable	55±10	10 ± 5	Not applicable	Not applicable	15 ± 5	Not applicable
Gloss values, at 200	Not applicable	90 ± 10	Not applicable	Not applicable	Not applicable	90 ± 10	Not applicable	Not applicable
Surface dry (at 30˚C & 65% RH)	< 10 Min	< 30 Min	< 10 Min	< 15 Min	< 10 Min	< 1 hr	< 15 Min	< 30 Min
Tack Free Time (at 30˚C & 65% RH)	< 30 Min	< 3 hrs	< 30 Min	< 30 Min	< 30 Min	< 4 hrs	< 60 Min	< 6 hrs
Hard Drying (at 30˚C & 65% RH)	Overnight	Overnight	Overnight	Overnight	Overnight	Overnight	Overnight	Overnight
Shelf Life in months for the Bases & Hardener	24	24	24	24	24	24	24	24

Actual coverage & gloss may vary from the mentioned value due to factors such as method & condition of application and surface roughness as well porosity.

Shelf-Life conditions: Products should be kept in originally packed tightly closed condition maintained at 25^0C

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Product Description & Product code

Product code	Product Description	Base: Hardener (V: V)	Recommended % of Thinner
345991	Imperia Epoxy Block Primer Base	1:1	NA
345KB3	Imperia Epoxy Block Primer Hardener		

Product code	Product Description	Base: Hardener (V: V)	% of thinner
0X1001	Imperia Legacy advanced Clear Sealer Base	2:1	25-30%
0X1KB3	Imperia Legacy advanced Clear Sealer Hardener		
0X2001	Imperia Legacy advanced Clear Matt Base	2:1	25-30%
0X2KB3	Imperia Legacy advanced Clear Matt Hardener		
0X3001	Imperia Legacy advanced Clear Semi-Gloss Base	2:1	25-30%
0X3KB3	Imperia Legacy advanced Clear Semi-Gloss Hardener		
0X4001	Imperia Legacy advanced Clear Gloss Base	1:1	30-35%
0X4KB3	Imperia Legacy advanced Clear Gloss Hardener		

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0X5001	Imperia Legacy advanced White Sealer Base	2:1	25-30%
0X5KB3	Imperia Legacy advanced White Sealer Hardener		
0X6001	Imperia Legacy advanced White Matt Base	2:1	25-30%
0X6KB3	Imperia Legacy advanced White Matt Hardener		
0X8001	Imperia Legacy advanced White Gloss Base	1:1	30-35%
0X8KB3	Imperia Legacy advanced White Gloss Hardener		
0X9001	Imperia Legacy advanced Metallic Base	1:1	30-35%
0X9KB3	Imperia Legacy advanced Metallic Hardener		

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Recommended Application

Sand the seasoned wooden surface using emery paper (180) along the grains. Repeat the sanding smoothly with finer grade of emery paper (220/320) and then wipe off the loose dust particles. Apply the coatings as follows:

Product code	Product Description	Base: Hardener	% of thinner
345991	Imperia Epoxy Block Primer Base	1:1	NA
345KB3	Imperia Epoxy Block Primer Hardener		
Do a light sanding with emery paper 400 if it exceeds 24 hours after application			

Base Coat

Product	Application method	Thinner	No of coats	Application Viscosity (Secs)	Recoating Period (hrs)
0X1001+ 0X1KB3	Spray application	T12	2	14-17 secs	3-4 Hrs (should not exceed 72 hrs)
0X5001+0X5KB3	Spray application	T12	2	14-17 secs	3-4 Hrs (should not exceed 72 hrs)
Sand 1st coat with emery paper (320 or 400) and wipe off the dust particles followed by 2nd coat with emery paper (400) and wipe off the dust particles (Apply more coats depending on finish requirement and clean before top coat application)					

Top coat

Matt Finish

Product	Application method	Thinner	No of coats	Application Viscosity (Secs)	Recoating Period (hrs)
0X2001+0X2KB3	Spray application	T12	2	14-17 secs	3-4 Hrs (should not exceed 72 hrs)
0X6001+ 0X6KB3	Spray application	T12	2	14-17 secs	3-4 Hrs (should not exceed 72 hrs)
Sand 1st coat with emery paper (600 or 800) and wipe off the dust particles followed by application of 2nd coat					

Semi-Glossy Finish

Product	Application method	Thinner	No of coats	Application Viscosity (Secs)	Recoating Period (hrs)
0X3001+0X3KB3	Spray application	T12	2	14-17 secs	3-4 Hrs (should not exceed 72 hrs)

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Sand 1st coat with emery paper (600 or 800) and wipe off the dust particles followed by application of 2nd coat

Glossy Finish

Product	Application method	Thinner	No of coats	Application Viscosity (Secs)	Recoating Period (hrs)
0X4001+ 0X4KB3	Spray application	T80	2	14-17 secs	10-12 Hrs (should not exceed 72 hrs)
0X8001+ 0X8KB3	Spray application	T80	2	14-17 secs	10-12 Hrs (should not exceed 72 hrs)
Sand 1st coat with emery paper (600 or 800) and wipe off the dust particles followed by application of 2nd coat					

Silver Metallic Finish

Product	Application method	Thinner	No of coats	Application Viscosity (Secs)	Recoating Period (hrs)
0X9001+ 0X9KB3	Spray application	T80	1	14-17 secs	10-12 Hrs (should not exceed 72 hrs)

Post Application instructions

The base and hardener should be preserved with tightly closed respective containers and preferably be consumed within one week of its use. During application, masking of the adjoining area to be done in order to avoid the spray dust. For removing stains and spray dust on adjoining metal and tile surfaces, PU thinner can be used.

Pack Sizes & Shade Range

1. **Clear/White sealer**: 1L, 4L, 30L
2. **Clear Matt/Semi-gloss:** 900 mL, 3.6L, 30L, **Clear Gloss:** 900 mL, 3.6 L, 20L
3. **White Gloss/Matt/Metallic:** 985 mL, 3.94L

All the shades Imperia Legacy advanced Classic Colour zone is available in Imperia Legacy advanced base tinting system. Customized shades can also be provided upon request.

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Storage & Handling

1.	Storage	Store in cool and dry place. Keep away from source of ignition. Keep container tightly closed, Keep out of children reach and away from food.
2.	Disposal	Do not pour left over product down the drain or any water course. Dispose in accordance with local regulation.
3.	Flash Point for Bases	Above 4^0C (Abel Closed Cup)
4.	Flash Point for Hardener	Above -9^0C (Abel Closed Cup)

SAFETY INFORMATION

1.	Fire hazard Class	Flammable
2.	Safety Precaution	Kindly refer to the MSDS for IMPERIA LEGACY ADVANCED. Ensure good ventilation during storage, application & drying of product. Wear protective clothes & gloves. Smoking is prohibited while painting. A suitable dust nose pad should be worn when rubbing the surface. Avoid inhaling the vapour. Wear eye protector during application. In case of contact with eyes, rinse immediately with plenty of water.
DISCLAMER		The information contained within this data sheet is based on information believed to be reliable at the time of its preparation. The company will not be liable for loss or damage howsoever caused including liability for negligence, which may be suffered by the user and the data contained herein. No guarantee of results is implied since conditions of use are beyond our control. Products undergo continuous improvement. The technical data in this catalogue are therefore subject to change.

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